



9-22-04

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/686,411
	Filing Date	October 14, 2003
	First Named Inventor	Lovatt, Carol J.
	Art Unit	1754
	Examiner Name	Langel, W.
Total Number of Pages in This Submission	Attorney Docket Number	061818-5006-02 <sup>3</sup> US

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request (See Remarks) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): <ul style="list-style-type: none"><li>• Return postcard</li><li>• Schedule A</li><li>• Copies of 3.73(b) Statement</li><li>• Notice of Recordation of Assignment</li><li>• Assignment</li></ul>
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 50-0310.

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual	Morgan, Lewis & Bockius LLP	Reg. No. 42,837
Signature		
Date	September 20, 2004	

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being transmitted to the USPTO via United States Postal Service Express Mail with sufficient postage an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kathryn A. Degliantoni		
Signature		Date	September 20, 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Carol J. Lovatt

Patent No.: 5,514,200  
(formerly Application No. 08/192,508,  
filed February 7, 1994)

Date Issued: July 8, 1997

For: *Formulation of Phosphorus Fertilizer for Plants* Attorney Docket No: 061818-5006-US

**Transmittal of Power of Attorney**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

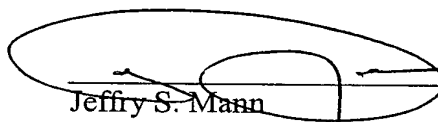
Sir:

Applicants enclose herewith a Power of Attorney, together with a statement under 37 C.F.R. § 3.73(b) executed by Linda Stevenson, Patent Prosecution Manager, on behalf of The Regents of the University of California in connection with the above-identified patent application.

Applicants believe that no fee is required with the submission of the enclosed document. However, if it is found that a fee is necessary, please charge the required fee to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310. A copy of this sheet is enclosed for accounting purposes.

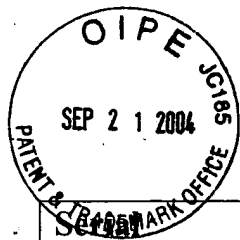
Respectfully submitted,

Date: September 7, 2004

  
Jeffrey S. Mann 42,837  
(Reg. No.)  
**MORGAN LEWIS & BOCKIUS LLP**  
2 Palo Alto Square  
3000 El Camino Real, Suite 700  
Palo Alto, CA 94306  
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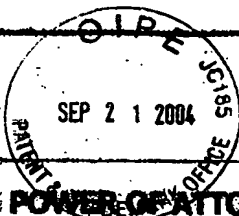
# SCHEDULE A

[U.S.]



<b>Serial No./Patent No:</b>	<b>Filing Date/Issue Date:</b>	<b>Title:</b>	<b>1<sup>st</sup> Named Inventor:</b>	<b>Docket No:</b>
09/127,382 6,284,197	July 31, 1998 September 4, 2001	Optical Amplification of Molecular Interactions Using Liquid Crystals	Abbott, Nicholas L.	61818-5002-01
09/637,844	August 10, 2000	Optical Amplification of Molecular Interactions Using Liquid Crystals	Abbott, Nicholas L.	61818-5002-02
09/898,132	July 3, 2001	Optical Amplification of Molecular Interactions Using Liquid Crystals	Abbott, Nicholas L.	61818-5002-03
10/044,899	January 9, 2002	Optical Amplification of Molecular Interactions Using Liquid Crystals	Abbott, Nicholas L.	61818-5002-04
09/131,010 6,342,378	August 7, 1998 January 29, 2002	Biogasification Of Solid Waste With An Anaerobic-Phase Solids-Digester System	Zhang, Ruihong	61818-5003
10/013,423	December 11, 2001	Biogasification Of Solid Waste With An Anaerobic-Phase Solids-Digester System	Zhang, Ruihong	61818-5003-01
09/233,293 6,288,392	January 19, 1999 September 11, 2001	Quantitative Characterization Of Obliquely-Deposited Substrates Of Gold By Atomic Force Microscopy: Influence Of Substrate Topography On Anchoring Of Liquid Crystals	Abbott, Nicholas L.	61818-5004
08/192,508 5,514,200	February 7, 1994 July 8, 1997	Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006

<b>Serial No./Patent No:</b>	<b>Filing Date/Issue Date:</b>	<b>Title:</b>	<b>1<sup>st</sup> Named Inventor:</b>	<b>Docket No:</b>
08/642,574 5,830,255	May 3, 1996 November 3, 1998	Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006-01
09/126,233 6,113,665	July 30, 1998 September 5, 2000	Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006-02
09/637,621	August 11, 2000	Novel Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006-03
10/341,966 6,645,268	January 13, 2003 November 11, 2003	Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006-04
10/686,411	October 14, 2003	Novel Formulation of Phosphorous Fertilizer for Plants	Lovatt, Carol J.	61818-5006-05
09/349,814 6,287,851	July 9, 1999 September 11, 2001	Sensor For Analyzing Components Of Fluids	Delwiche, Michael J.	61818-5008
09/839,939	April 19, 2001	Sensor For Analyzing Components Of Fluids	Delwiche, Michael J.	61818-5008-01
10/209,455	July 30, 2002	Sensor For Analyzing Components Of Fluids	Delwiche, Michael J.	61818-5008-02



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Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:



Practitioners associated with the Customer Number:

043850

OR



Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Assigned Name and Address:

The Regents of the University of California  
The Office of the President  
1111 Franklin Street, 12th Floor  
Oakland, CA 94607-5200

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

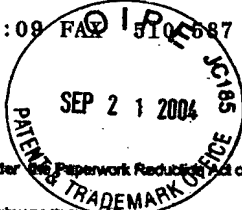
### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	Ms. Linda S. Stevenson	Date	August 23, 2004
Signature	<i>Linda S. Stevenson</i>	Telephone	(510) 587-6000
Title	Manager, Patent Prosecution		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to be and by the USPTO to process an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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Attorney Docket No. 61818-5006-US (023070-114800US)

PTO/GB/06 (08-00)

Approved for use through 10/31/2002. OMB 0851-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Lovatt, Carol J.Application No./Patent No.: 08/192,508 / 5,514,200Filed/Issue Date: February 7, 1994 / May 7, 1996Entitled: NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANS

The Regents of the University of California, a California corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 6970, Frame 0853, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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To :

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]**

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

August 23, 2004  
Date

Linda S. Stevenson  
Signature

Linda S. Stevenson

Typed or printed name

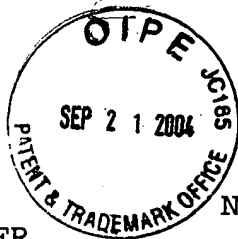
Manager, Patent Prosecution

Title

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A.58141/WMD

DATE: 05/31/94  
TO:



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Patent and Trademark Office  
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& HERBERT  
FOUR EMBARCADERO CENTER, SUITE 3400  
SAN FRANCISCO, CA 94111-4187

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ASSIGNOR:  
LOVATT, CAROL J.


DOC DATE: 05/02/94

RECORDATION DATE: 05/09/94 NUMBER OF PAGES 002 REEL/FRAME 6970/0853

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:  
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE  
300 LAKESIDE DRIVE, 22ND FLOOR  
OAKLAND, CA 94612-3550

SERIAL NUMBER 8-192508 FILING DATE 02/07/94  
PATENT NUMBER ISSUE DATE 00/00/00

  
EXAMINER/PARALEGAL  
ASSIGNMENT BRANCH  
ASSIGNMENT/CERTIFICATION SERVICES DIVISION

## RECORDATION FORM COVER SHEET

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Patent and Trademark Office

## PATENTS ONLY

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(1) Name of conveying party(ies):  
Carol J. LOVATT(2) Name and address of receiving party(ies):  
Name: \_\_\_\_\_Internal Address: The Regents of the  
University of CaliforniaAdditional name(s) of conveying  
party(ies) attached? [ ] Yes [X] No(3) Nature of Conveyance: 19[X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Other \_\_\_\_\_Street Address: 300 Lakeside Drive, 22nd  
FloorCity: OaklandState: CA

Additional name(s) &amp; address(es) attached?

Zip: 94612-3550Execution Date: 2 May 1994

(4) Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 08/192,508

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? [ ] Yes [X] No

(5) Name and address of party to whom correspondence  
concerning document should be mailed:Name: Walter H. DregerInternal Address: FLEHR, HOEBACH, TEST,  
ALBRITTON & HERBERTStreet Address: SUITE 3400  
FOUR EMBARCADERO CENTERCity: SAN FRANCISCOState: CA Zip: 94111-4187(6) Total number of applications  
and patents involved: 1(7) Total fee (37 CFR 3.41):.....\$40.00

[X] Enclosed Check No. 65153

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deposit account(8) Deposit account number: 06-1300  
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(9) Statement and signature.

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Name of Person Signing  
Signature6 May 1994  
Date(10) Total number of pages including cover sheet, attachments and document: [ 2 ]

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**ASSIGNMENT**

U.C. Case No. 90-008-1

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

- |                           |          |
|---------------------------|----------|
| 1. <u>Carol J. Lovatt</u> | 2. _____ |
| 3. _____                  | 4. _____ |

hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 300 Lakeside Drive, 22nd Fl., Oakland, CA 94612-3550, and the successors, assigns and legal representatives of the ASSIGNEE all of its/their right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

A NOVEL FORMULATION OF PHOSPHORUS FERTILIZER FOR PLANTS

and which is found in

- (a) \_\_\_\_\_ U.S. patent application executed on \_\_\_\_\_, entitled as above and listing the above named person(s) as inventor(s)
- (b) X U.S. application serial no. 08/192,508, filed on 7 February 1994
- (c) \_\_\_\_\_ U.S. Patent No.: \_\_\_\_\_, issued \_\_\_\_\_

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

AND the ASSIGNOR(S) request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, The Regents of the University of California.

executed this

X 2 day of May, 1994  
\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_  
\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Signature of Inventor(s)

X Carol J. Lovatt  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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MAY-9 94

REEL 970 FRAME 54